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PATENT ABSTRACTS OF JAPAN(21) Application number: **07307353**(51) Intl. Cl.: **A61B 5/022**(22) Application date: **27.11.95**

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states:(71) Applicant: **NIPPON COLIN CO LTD**(72) Inventor: **OGURA TOSHIHIKO
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**(54) AUTOMATIC
SPHYGMOMANOMETER
WITH MEASURING
FUNCTION OF PULSE
WAVE PROPAGATION
VELOCITY**

(57) Abstract:

PROBLEM TO BE SOLVED: To improve the accuracy on measurement or pulse wave propagation velocity as possible in an automatic sphygmomanometer with a measuring function of pulse wave propagation velocity for determining a blood pressure of an organism based on heart beat synchronized signal generated from the organism in process for varying the pressure of a cuff wound on part of the organism.

SOLUTION: After induced wave forms of an organism is detected by an electrocardiograph apparatus 70 through electrodes attached to the organism and cuff wave forms of the organism are detected by a pressure sensor 40, a time difference TDRP till

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